CIVIL PRO
AN ISO 9001 : 2008 COMPANY &NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005
4, 7TH MAIN MALLESWARAM, BANGALORE -3

Format No: CP/TF/01

TEST REPORT OF FINE AGGREGATE

Date: 30-01-19

Lab ID	:	**CP-2019-02-24-63**
Customer	:	Assistant Executive Engineer,Yelahanka Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to Roads and Drains at Inspector Ramaiah Road and Surrounding Areas in Ward No.01 of Yelahanka Sub Division.
Agency	:	Sri.Shivakumar B.V NO:1428, 3rd Cross, Near Post Office, Nehrunagara, Yelahanka, Bangalore-560054.
Customer's Reference	:	EE(YNK.D)E-PMT-19/W.O/102/2018-19
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	28-01-19
Sample Type	:	Fine Aggregate
Reference to BIS codes	:	IS 383 : 2016 (Specification for Coarse and fine Aggregates) IS: 2386 :1963(Part - 1, 3) RA2012 IS 2386 Part 1: Particle Size and Shape IS 2386 Part 3: Specific gravity, Density, Voids,Water Absorption
Date of test	:	28-01-19
Total weight taken	:	1000 grams

Sl.no	Sieve Size	Weight Retained (gms)	Cumulative Weight Retained (gms)	% Cumulative Weight Retained	% Passing	Requirement as per IS 383:2016			
						Grading Zone I	Grading Zone II	Grading Zone III	Grading Zone IV
1	10 mm	0	0	0.0	100.0	100	100	100	100
2	4.75 mm	27	27	2.7	97.3	90-100	90-100	90-100	95-100
3	2.36 mm	55	82	8.2	91.8	60-95	75-100	85-100	95-100
4	1.18 mm	239	321	32.1	67.9	30-70	55-90	75-100	90-100
5	600 micron	205	526	52.6	47.4	15-34	35-59	60-79	80-100
6	300 micron	203	729	72.9	27.1	5-20	8-30	12-40	15-50
7	150 micron	191	920	92.0	8.0	0-10	0-10	0-10	0-15
8	Pan	80	1000	100.0	0.0	---	---	---	---

Result :The tested Sample Conforms to Grading Zone II

A.E.E

CIVIL PRO Sig..... Date..... BANGALORE

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 08/02/2019

Lab ID	:	**CP-2019-02-24-63**
Customer	:	Assistant Executive Engineer,Yelahanka Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to Roads and Drains at Inspector Ramaiah Road and Surrounding Areas in Ward No.01 of Yelahanka Sub Division.
Agency	:	Sri.Shivakumar B.V NO:1428, 3rd Cross, Near Post Office, Nehrunagara, Yelahanka, Bangalore-560054.
Customer's Reference	:	EE(YNK.D)E-PMT-19/W.O/102/2018-19
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	04-02-19
Customer ID	:	Cement Concrete Pavement
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 08/02/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement	M20	01/02/2019	08/02/2019	151.64 X 149.38 X 149.56	22653	**8.825**	425.4	18.8	18.7
2	Cement Concrete Pavement	M20	01/02/2019	08/02/2019	149.87 X 151.53 X 150.85	22710	**8.286**	418.7	18.4	
3	Cement Concrete Pavement	M20	01/02/2019	08/02/2019	151.70 X 151.58 X 151.76	22995	**8.228**	432.5	18.8	

Note:
The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 90 days from the date of issue of test certificate

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

CIVIL PRO Sig..... Date..... BANGALORE

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****End of Report****

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4, 7TH MAIN MALLESWARAM, BANGALORE -3

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

	: CP-2019-02-24-63	Date: 08/02/2019
Lab ID	: Assistant Executive Engineer,Yelahanka Sub Division, BBMP, Bangalore.	
Customer	: Yelahanka Sub Division, BBMP, Bangalore.	
Address	: Improvements to Roads and Drains at Inspector Ramaiah Road and Surrounding Areas in Ward No.01 of Yelahanka Sub Division.	
Project Name	: Sri.Shivakumar B.V NO:1428, 3rd Cross, Near Post Office, Nehrunagara, Yelahanka, Bangalore-560054.	
Agency	: EE(YNK.D)E-PMT-19/W.O/102/2018-19	
Customer's Reference	: Sample supplied by Agency	
Source of Sample	: Satisfactory	
Sample Condition	: 04-02-19	
Date of Receipt	: Cement Concrete Pavement	
Customer ID	: 150X150X150 mm	
Sample Type /Size	: M20 / 7 Days Compressive Strength	
Sample grade/Age	: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5	
Reference to BIS codes		
Date of test	: 08/02/2019	

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement	M20	01/02/2019	08/02/2019	151.99 X 149.30 X 150.06	22693	8.825	416.3	18.3	18.5
2	Cement Concrete Pavement	M20	01/02/2019	08/02/2019	151.97 X 149.30 X 151.44	22689	8.286	428.2	18.9	
3	Cement Concrete Pavement	M20	01/02/2019	08/02/2019	149.51 X 150.05 X 149.23	22434	8.228	411.6	18.3	

Note:
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FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

A.E.E

CIVIL Pro Sig..... Date..... BANGALORE

****End of Report****

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